

Abstract

Process for reduction and control of hexafluorosilicate concentration during polishing of glass articles in a polishing bath containing sulfuric acid and hydrofluoric acid

The present invention relates to a process for the reduction and control of the concentration of hexafluorosilicate ions formed during the polishing of glass articles in a polishing bath containing sulfuric acid and hydrofluoric acid, wherein potassium fluoride, potassium sulfate, sodium fluoride, sodium sulfate or aluminium sulfate is added to the polishing bath or the sulfuric acid washing bath in a quantity such that a drop in the concentration of fluoride ions below the optimum operating range is avoided.